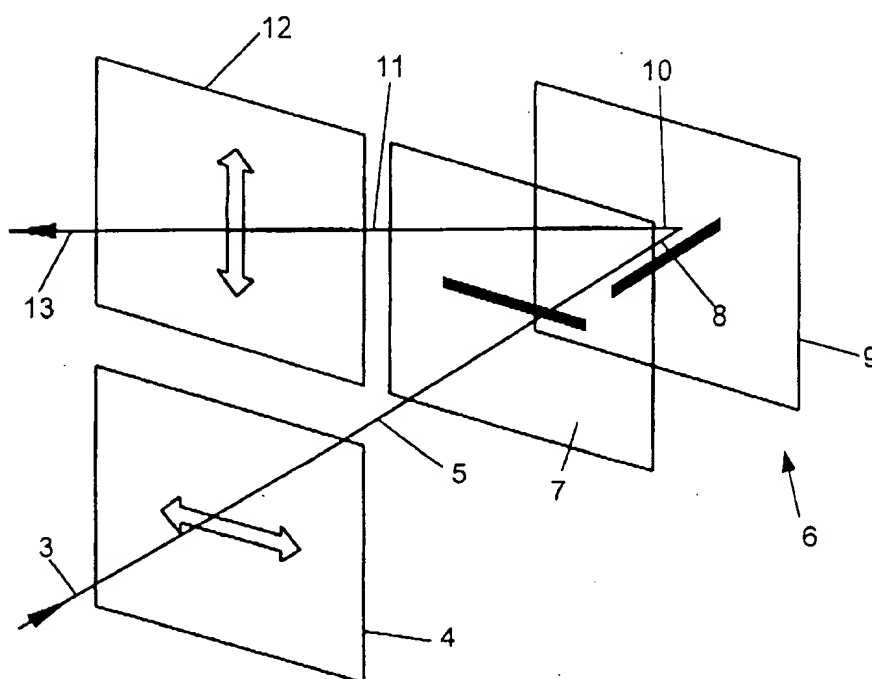


A schematic diagram of an optical beam splitter. A vertical input beam 6 enters from the left and hits a beam splitter 10. The beam is split into two paths: an upper path 11 and a lower path 7. The upper path 11 passes through a lens 8 and then a phase shifter 12. The lower path 7 passes through a lens 9 and then a phase shifter 4. The two paths are recombined at a second beam splitter 2. The angle between the paths is labeled  $\alpha$ . The output beams are labeled 1 and 3. A third beam splitter 13 is shown at the end of the paths.

**Fig.1**



**Fig.2**

0075875-04404  
FOUO-54485200

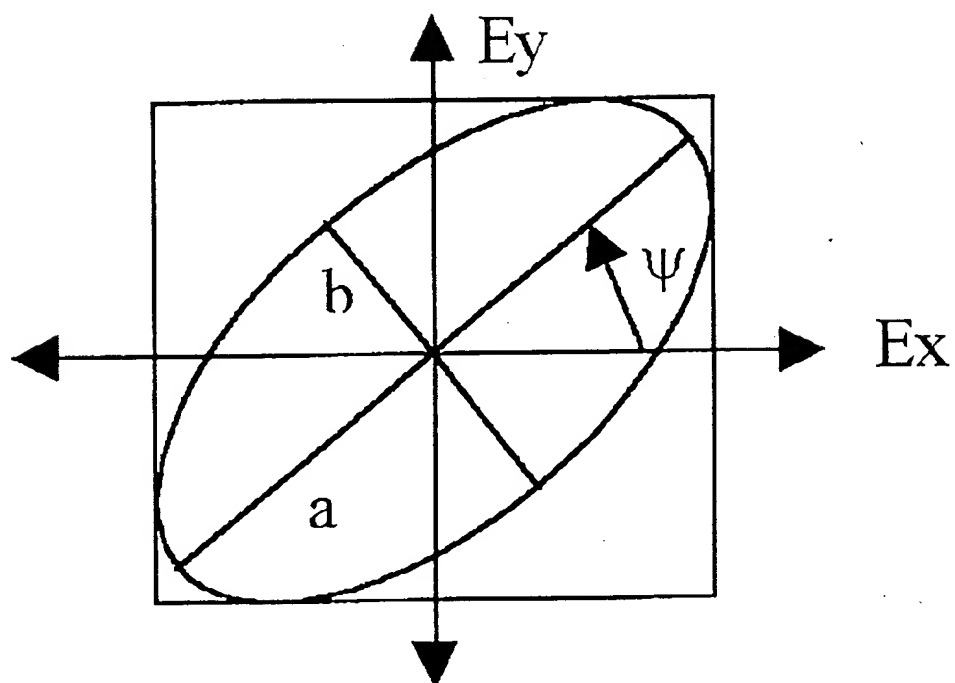


Fig.3

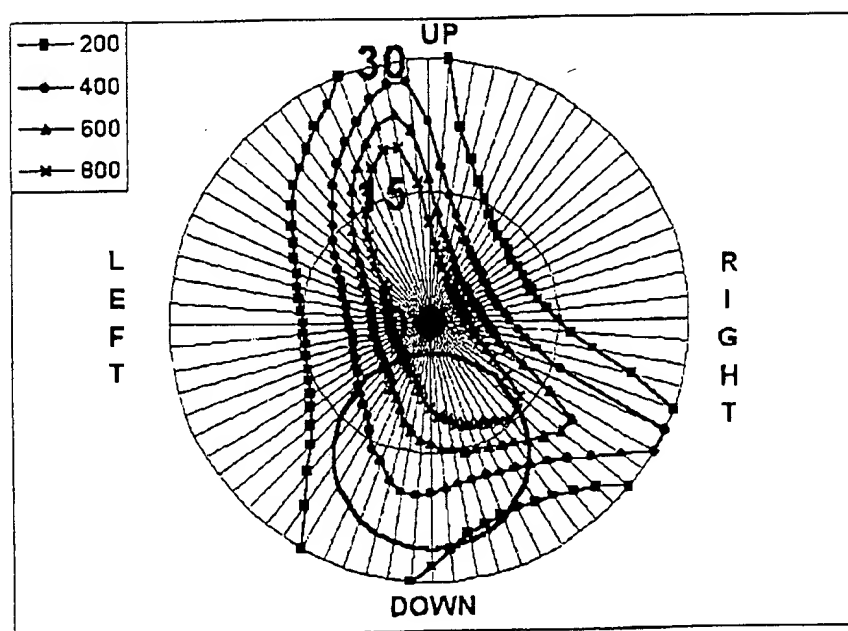


Fig.4

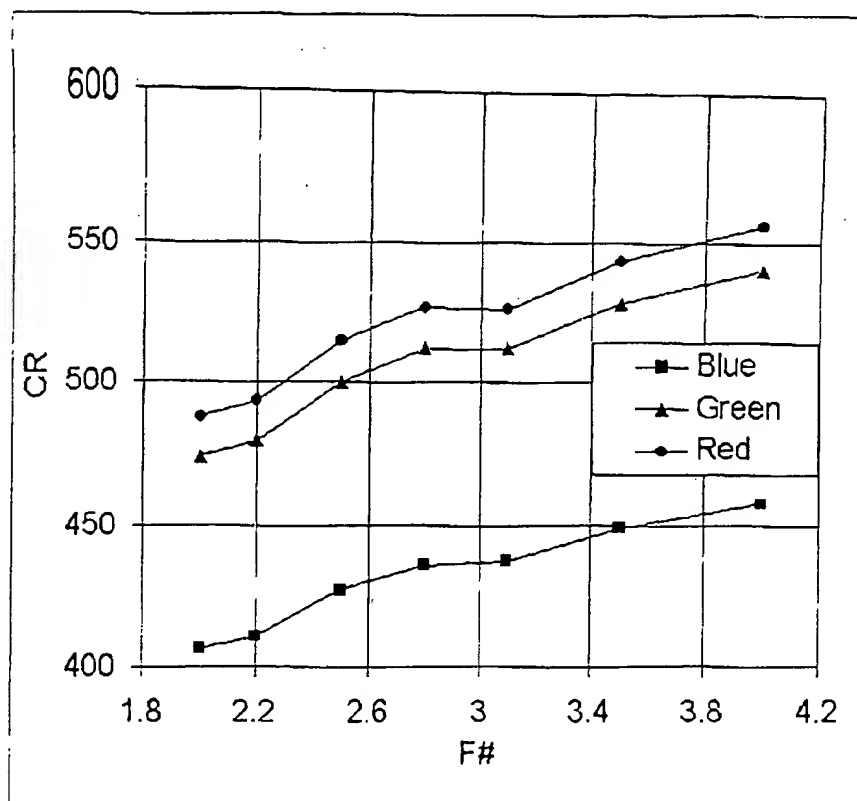


Fig.5

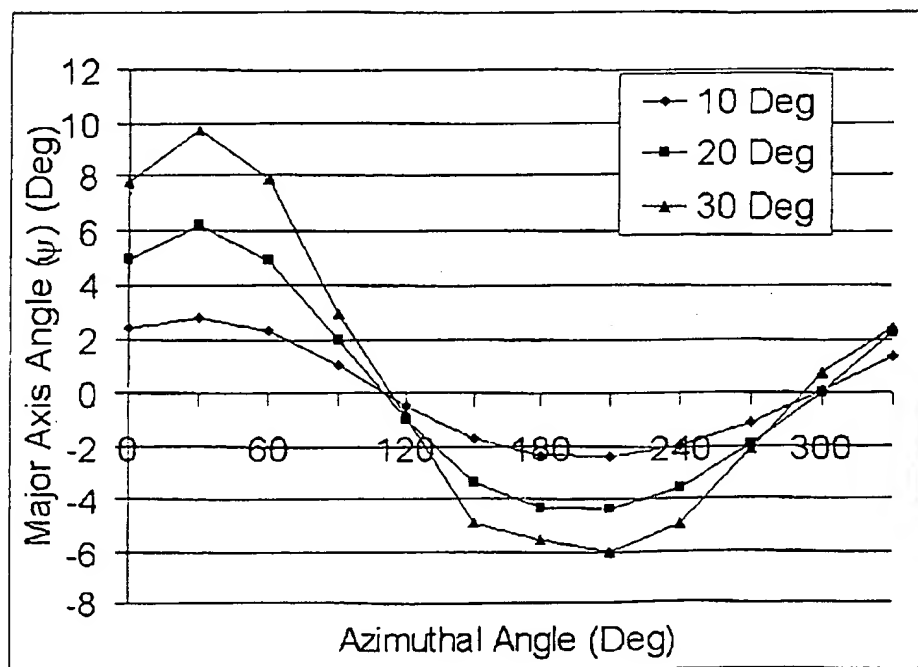


Fig.6

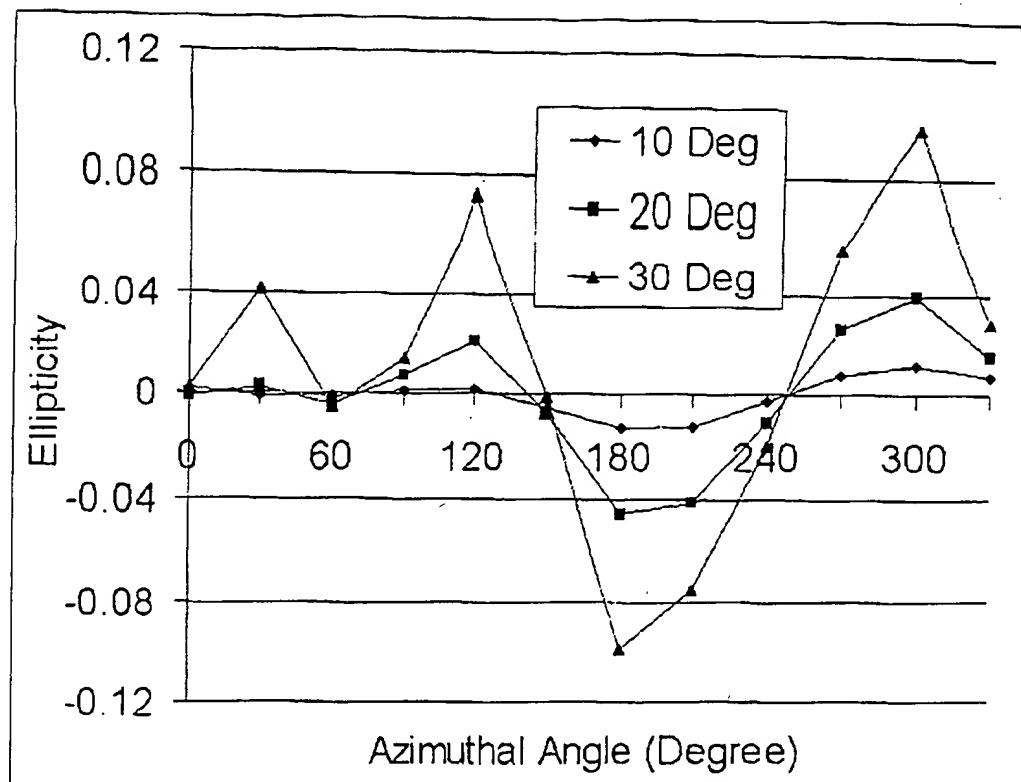


Fig.7

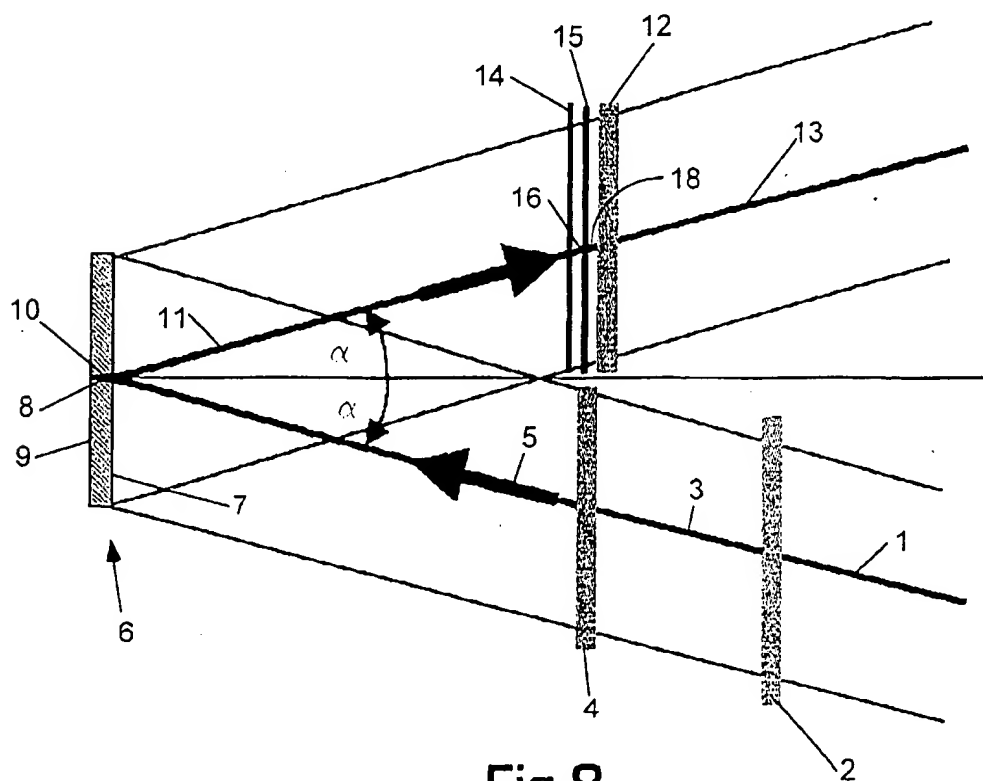


Fig.8

004522-01052285260

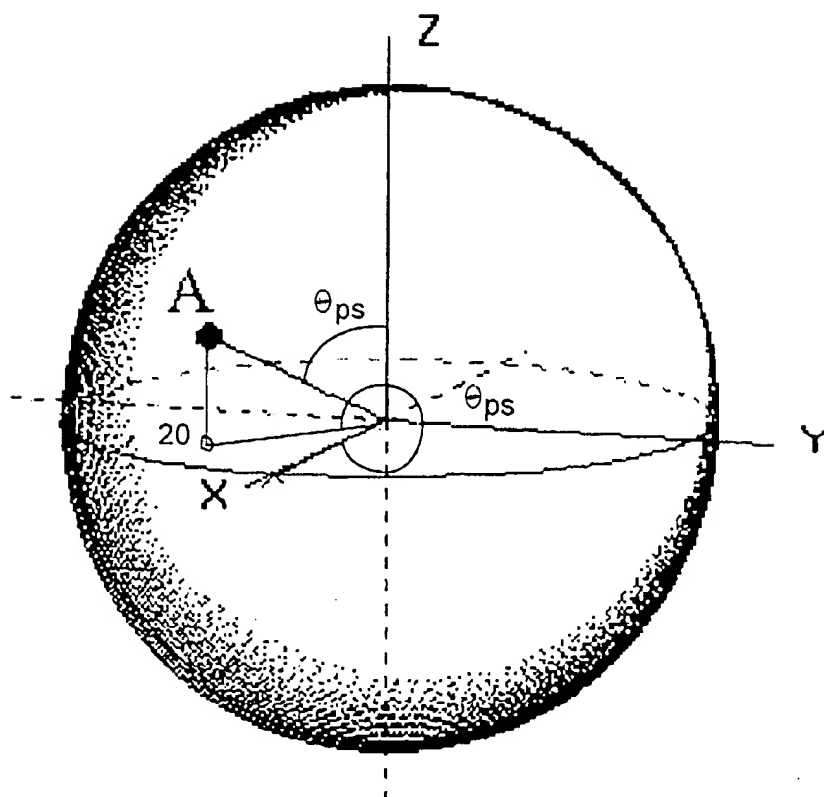


Fig.9

00758775-014401

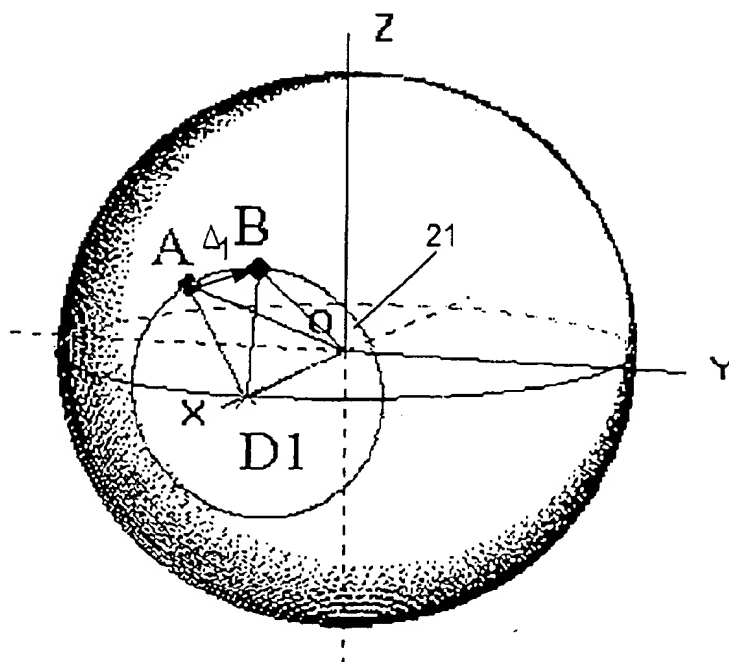


Fig. 10A

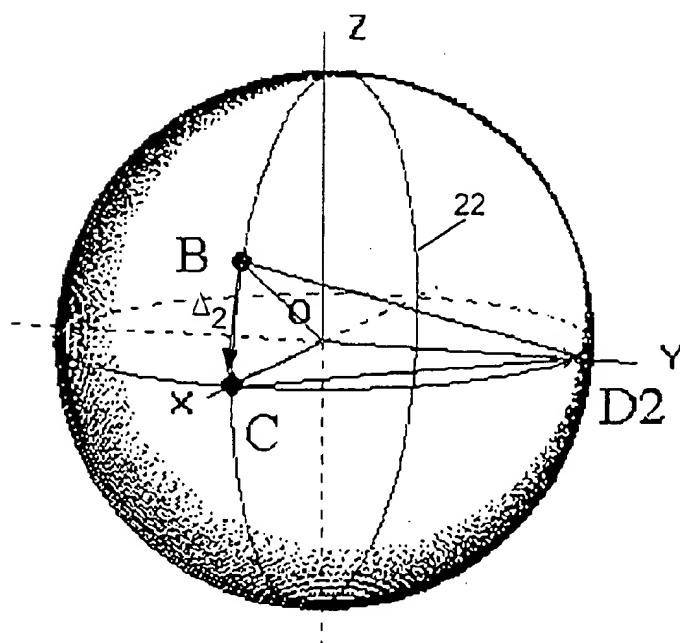


Fig. 10B

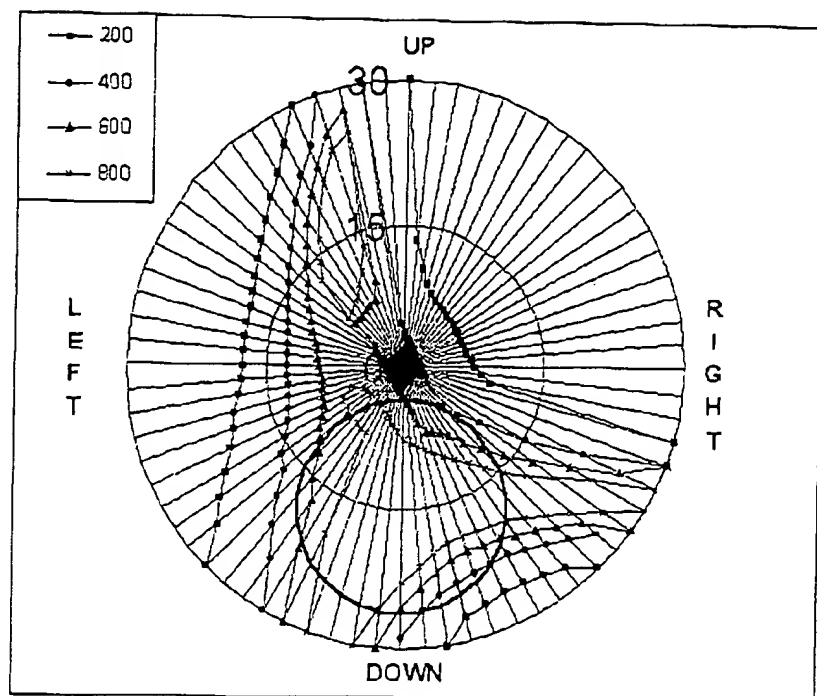


Fig.11

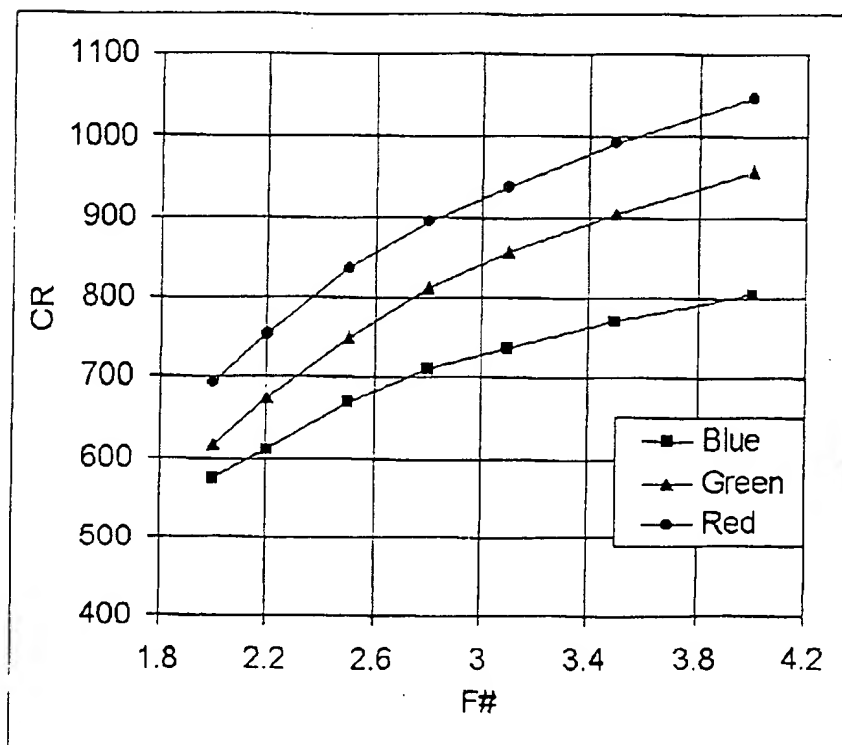


Fig.12

TOP SECRET

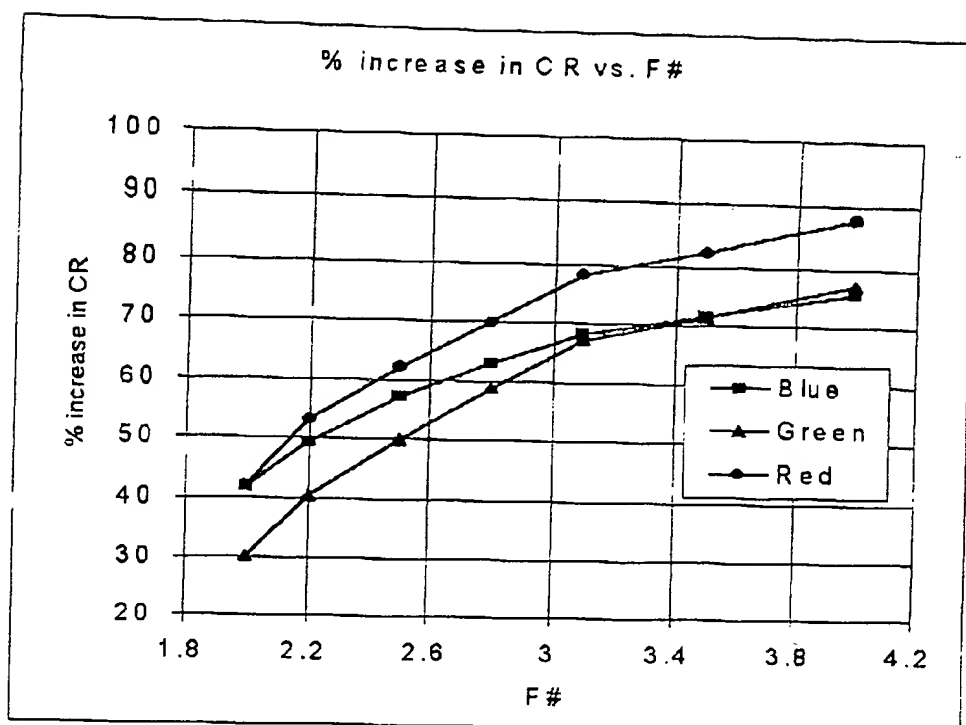


Fig.13

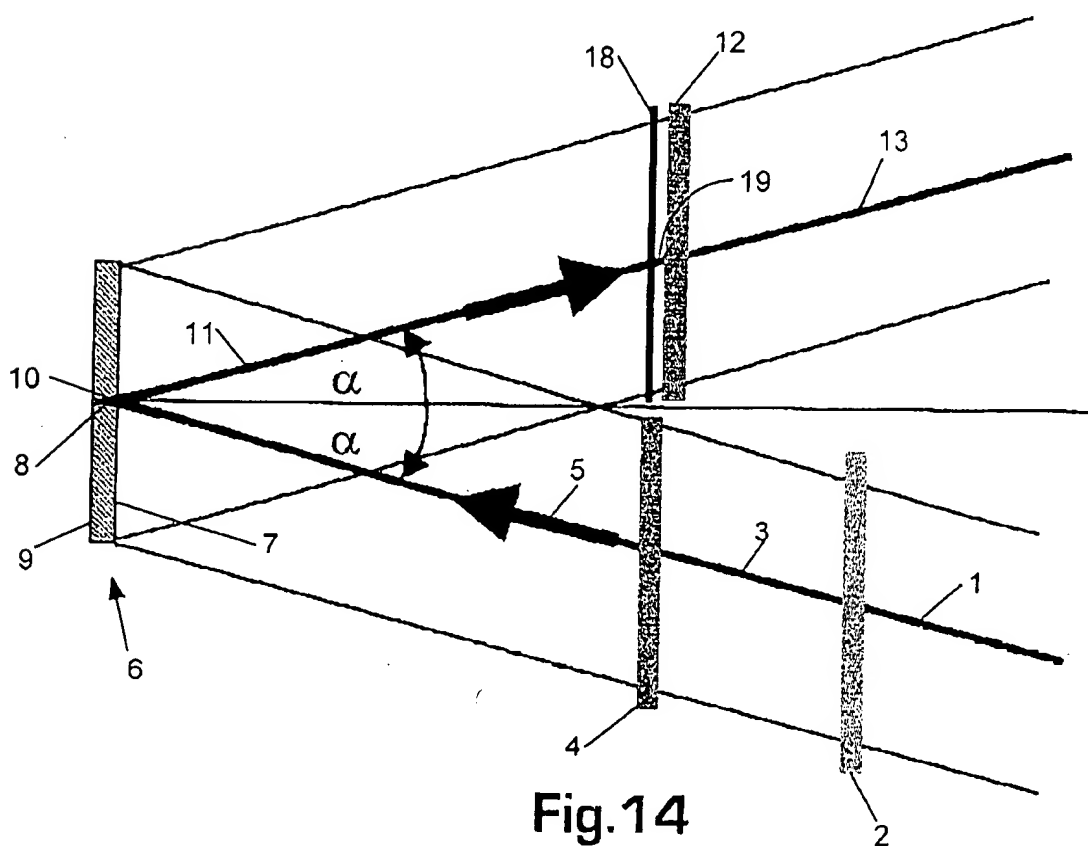


Fig.14



**Fig.16**

10410 342560

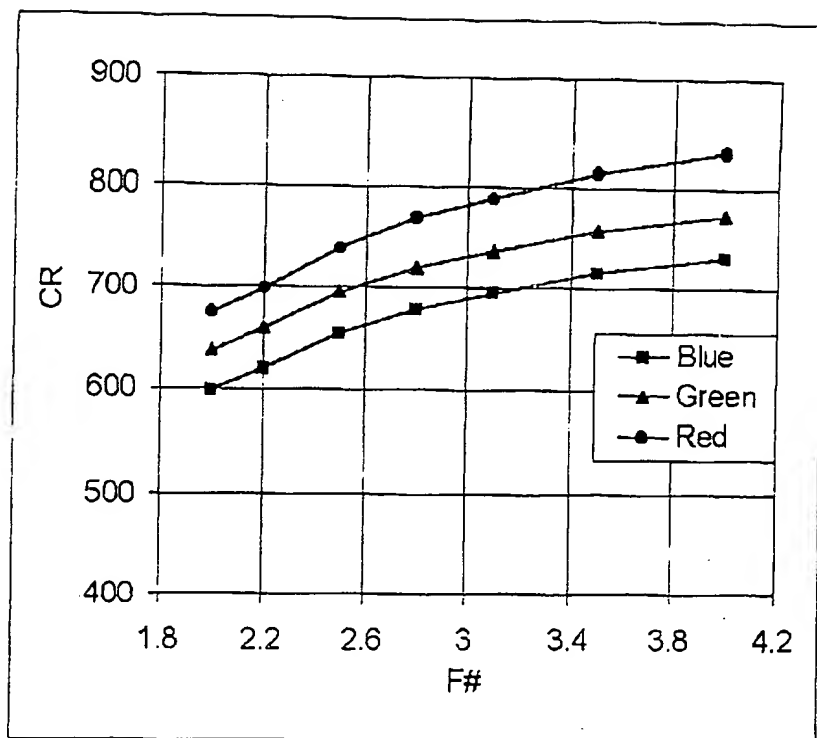


Fig.17

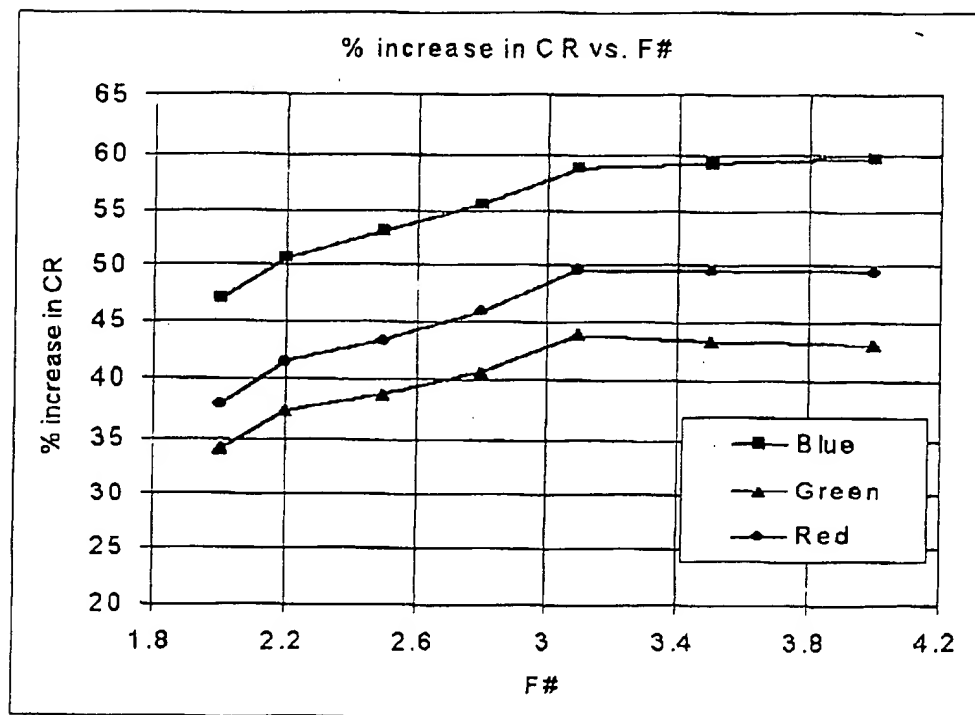


Fig.18